

Converting Colors

$Y_{xy}(26.9229, 0.2548, 0.3166)$

Have a look what the booklet for
Yxy(26.9229, 0.2548, 0.3166)
contains.

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Color

Yxy(26.8772, 0.2550, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	5C979E
RGB	92, 151, 158
RGB Percent	36%, 59%, 62%
CMY	0.6390, 0.4079, 0.3804
CMYK	0.42, 0.04, 0.00, 0.38
HSL	186°, 26%, 49%
HSV	186°, 42%, 62%
XYZ	21.6546, 26.8772, 36.3882
YIQ	134.1570, -37.4110, -10.3310

Conversions

Conversions Part 2

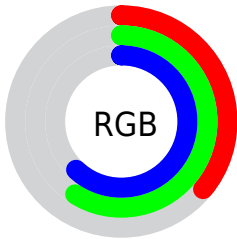
Format	Color
R _{YB}	92, 123, 158
Decimal	6068126
CIE Lab	58.86, -17.29, -9.72
CIE LCh	59, 19.840, 209.342
Yxy	26.8772, 0.2550, 0.3165
Android (android.graphics.Color)	4284258206 (0xFF5C979E)
YUV	134.1570, 11.7546, -36.9717
Hunter-Lab	51.8432, -16.1672, -5.3248

Details

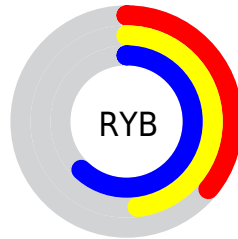
The Yxy color $26.8772, 0.2550, 0.3165$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $16.9736, 0.4116, 0.3408$, and the grayscale version is $23.8716, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5777, 0.2667, 0.3185$, and $10.5879, 0.2347, 0.3102$ is the 20% darker color. If you saturate the color by 10%, you get $25.6117, 0.2441, 0.3130$, and if you desaturate by 10%, it is $28.3221, 0.2673, 0.3198$.

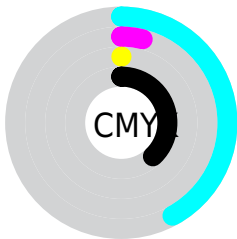
Distribution



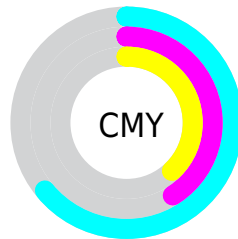
- Red (36%)
- Green (59%)
- Blue (62%)



- Red (36%)
- Yellow (48%)
- Blue (62%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8772, 0.2550, 0.3165 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.8772, 0.2550, 0.3165 by changing the saturation by 10% instead.

■ 26.8772, 0.2550,
0.3165

■ 26.8772, 0.2550,
0.3165

287.0621, 0.2859,
0.3239

■ 17.4810, 0.2466,
0.3142

■ 54.6868, 0.2668,
0.3195

■ 10.5780, 0.2352,
0.3108

■ 73.8689, 0.2710,
0.3206

■ 5.7839, 0.2194,
0.3057

■ 97.0818, 0.2746,
0.3214

■ 2.7141, 0.1957,
0.2971

■ 124.7100, 0.2776,
0.3221

■ 0.9844, 0.1469,
0.2834

157.1376, 0.2801,
0.3227

■ 0.0000, 0.0000,
0.0000

194.7493, 0.2823,

0.3231

237.9293, 0.2842,
0.3236

■ 26.8772, 0.2550,
0.3165

■ 26.8772, 0.2550,
0.3165

■ 25.6117, 0.2441,
0.3130

■ 28.3221, 0.2673,
0.3198

■ 24.5120, 0.2348,
0.3095

■ 29.9531, 0.2808,
0.3229

■ 23.5670, 0.2273,
0.3059

■ 31.7802, 0.2952,
0.3259

■ 22.7634, 0.2216,
0.3023

■ 33.8119, 0.3101,
0.3286

■ 22.0852, 0.2178,
0.2987

■ 36.0560, 0.3253,
0.3310

■ 21.5874, 0.2155,
0.2957

■ 38.5199, 0.3406,
0.3332

■ 41.2109, 0.3558,
0.3352

■ 44.1357, 0.3707,
0.3369

■ 47.3007, 0.3851,
0.3384

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.8772, 0.2739, 0.3486



26.8772, 0.2550, 0.3165



26.8772, 0.2508, 0.2903

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.8772, 0.2550, 0.3165



26.8772, 0.3193, 0.2878



26.8772, 0.3646, 0.3828

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.8772, 0.2550, 0.3165



16.9736, 0.4116, 0.3408

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.8772, 0.3786, 0.3631



26.8772, 0.2550, 0.3165



26.8772, 0.3518, 0.3095

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.8772, 0.2550, 0.3165



26.8772, 0.2865, 0.2757



26.8772, 0.3740, 0.3364



26.8772, 0.3368, 0.3885

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.8772, 0.2550, 0.3165



26.8772, 0.2566, 0.2794



26.8772, 0.3740, 0.3364



26.8772, 0.3711, 0.3774

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.8782, 0.2550, 0.3165



57.1947, 0.2929, 0.3254



27.6217, 0.3018, 0.4416



12.7328, 0.2899, 0.3248



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8782, 0.2550, 0.3165



46.6821, 0.2449, 0.3133



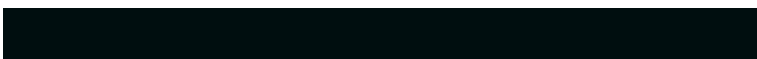
17.8039, 0.2453, 0.2551



7.3892, 0.2988, 0.3266



17.3264, 0.2156, 0.2960



0.3408, 0.2195, 0.3103

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.1656, 0.3265, 0.2383



26.9233, 0.3301, 0.2200



24.4395, 0.3893, 0.3926



6.7425, 0.3153, 0.3092



7.3713, 0.3489, 0.1696



0.1349, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 26.8772, 0.2550, 0.3165 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.8772, 0.2550, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

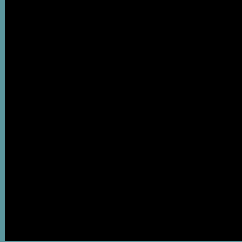
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8772, 0.2550, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 26.8772, 0.2550, 0.3165.

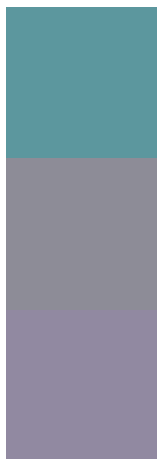


This preview shows how white text looks on a background with the Yxy color 26.8772, 0.2550, 0.3165.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.8772, 0.2550, 0.3165

Protanopia

26.6533, 0.3029, 0.3112

Deuteranopia

26.4843, 0.2975, 0.2912



Tritanopia

26.7485, 0.2526, 0.3079

Trichromacy



Original Color

26.8772, 0.2550, 0.3165

Protanomaly

26.4906, 0.2824, 0.3121

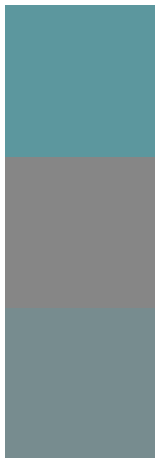
Deuteranomaly

26.3197, 0.2799, 0.2991

Tritanomaly

26.7131, 0.2533, 0.3096

Monochromacy



Original Color

26.8772, 0.2550, 0.3165

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.6613, 0.2880, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8772, 0.2550, 0.3165 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(92, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(92, 151, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(92, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 151, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.8772, 0.2550, 0.3165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

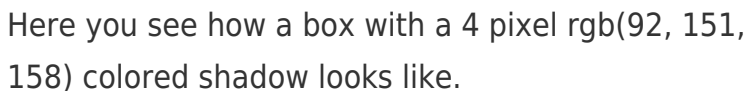
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 151, 158) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(92, 151, 158) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(92, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 151, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 151, 158); box-shadow:4px 4px 4px 4px rgb(92, 151, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8772, 0.2550, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 151, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(92, 151,  
158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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